

OK TO ENTER: /C.Y.W./

04/07/2009

*AMENDMENTS TO THE CLAIMS*

This listing of claims will replace all prior versions, and listings, or claims in the application.

Listing of the Claims:

1. ~ 10. (Cancelled).

11. (Currently amended) An artificial full-thickness corneal transplant support comprising:

- a) a base biopolymer having the thickness of approximately an average cornea;
- b) said biopolymer having incorporated within ~~in~~ it an attachment reagent comprising one or more of the following: laminin, fibronectin, RGDS (SEQ ID NO. 1), bFGF conjugated with polycarboxophil, EGF conjugated with polycarboxophil, and heparin sulfate; and
- c) said biopolymer having the shape of a cornea and suitable for implantation onto a damaged cornea.

12. (Original) The composition of claim 11 wherein the biopolymer is comprised of collagen IV.

13. (Currently amended) An artificial full-thickness corneal transplant comprising:

- a) a base biopolymer having the thickness of approximately an average cornea,